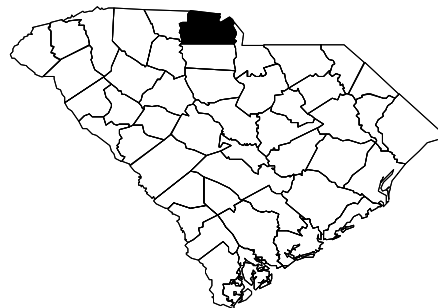


# IMPACT OF CHRONIC CONDITIONS YORK County, 2001



In the year 2001, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, pneumonia, influenza, Alzheimer's disease, septicemia, nephritis, nephritic syndrome and nephrosis. This report focuses on the chronic conditions of the population of York county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of York county's population is similar to the state population. The majority (40%) of the population in York county are between the ages of 18-44, and there are more females (52%) than males (48%). However, York county has a lower minority population (21%) than the state (31%). When adults in York county were asked about their general health status, 88% reported having excellent, very good, or good health in 2001 (SC was 85%).

	YORK COUNTY	STATE
<b>Population size</b>	170,259	4,063,011
<b>Age distribution (%)</b>		
<18	26	25
18-44	40	40
45-64	23	23
65-84	9	11
85+	1	1
<b>Race (%)</b>		
White	79	69
Black & Other	21	31
<b>Sex (%)</b>		
Male	48	49
Female	52	51

In spite of the overall reports of good health given by the citizens of the Palmetto State,, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2001 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for York county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	25	26
Sedentary lifestyle	42	40
Overweight	59	57
High Cholesterol	24	28

Some preventive measures such as immunization were included in the 2001 SC BRFSS. For persons age 65 and older in South Carolina:

33.8% have not received the flu shot in the past 12 months

42.1% have never had the pneumonia vaccination

Hospital/ER data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	26.8	.	.	.	.	28.6
Number of hospitalizations	94	53	41	33	61	5,141
Standard rate of hospitalizations (per 100,000)	60	196	32	50	71	129
Median age of hospitalized patients	63	53	68	53	63	63
Total cost of hospitalization (\$)	2,104,100	1,351,300	752,800	855,200	1,248,900	69,702,200
Average length of hospital stay (days)	4	5	4	5	4	5
Number of ER visits	210	130	80	88	122	7,398
Standard rate of ER visits (per 100,000)	129	433	62	114	140	184
Median age of ER patients	53	48	60	53	53	53
Total cost of ER visits (\$)	71,000	38,800	32,200	32,400	38,600	5,124,800
Number of deaths*	5	4	1	1	4	336
Standard death rate (per 100,000)*	3	12	1	1	5	8

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	4.24	.	.	.	.	4.15
Number of hospitalizations	998	127	871	590	408	30,127
Standard rate of hospitalizations (per 100,000)	640	503	667	839	476	749
Median age of hospitalized patients	63	63	63	63	68	68
Total cost of hospitalization (\$)	50,224,200	5,728,800	44,495,400	29,717,700	20,506,500	803,069,600
Average length of hospital stay (days)	4	4	4	3	4	5
Number of ER visits	49	6	43	25	24	2,753
Standard rate of ER visits (per 100,000)	32	23	34	40	28	69
Median age of ER patients	63	55	63	63	68	63
Total cost of ER visits (\$)	248,500	44,000	204,500	144,300	104,200	8,890,500
Number of deaths*	352	75	277	173	179	9,496
Standard death rate (per 100,000)*	207	225	207	210	204	233

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.48	.	.	.	.	2.45
Number of hospitalizations	463	105	358	204	259	14,626
Standard rate of hospitalizations (per 100,000)	313	436	290	331	303	374
Median age of hospitalized patients	73	68	73	68	73	73
Total cost of hospitalization (\$)	11,854,700	3,630,800	8,223,900	6,566,700	5,288,000	255,038,000
Average length of hospital stay (days)	6	8	5	6	5	6
Number of ER visits	73	26	47	29	44	2,754
Standard rate of ER visits (per 100,000)	49	99	39	43	51	70
Median age of ER patients	68	60	73	63	70	73
Total cost of ER visits (\$)	60,900	24,900	36,000	23,900	37,000	5,239,900
Number of deaths*	78	17	60	28	50	2,829
Standard death rate (per 100,000)*	46	51	45	34	57	70

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	360	97	263	137	223	15,100
Standard rate of hospitalizations (per 100,000)	228	314	205	198	258	377
Median age of hospitalized patients	58	43	63	53	58	58
Total cost of hospitalization (\$)	5,975,100	1,506,500	4,468,600	2,129,600	3,845,500	159,179,500
Average length of hospital stay (days)	5	4	5	4	5	5
Number of ER visits	1,340	598	742	566	774	42,599
Standard rate of ER visits (per 100,000)	802	1,655	565	708	887	1,053
Median age of ER patients	33	23	38	23	38	33
Total cost of ER visits (\$)	366,600	152,100	214,500	160,700	205,900	24,732,100
Number of deaths*	72	12	60	36	36	1,728
Standard death rate (per 100,000)*	42	36	45	59	41	43

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	7.22	.	.	.	.	8.13
Number of hospitalizations	267	116	151	123	144	8,620
Standard rate of hospitalizations (per 100,000)	164	389	116	160	166	213
Median age of hospitalized patients	53	50	58	48	58	53
Total cost of hospitalization (\$)	6,692,000	3,102,600	3,589,400	2,635,700	4,056,300	115,143,100
Average length of hospital stay (days)	6	6	6	5	7	6
Number of ER visits	175	83	92	77	98	8,748
Standard rate of ER visits (per 100,000)	106	275	70	99	112	217
Median age of ER patients	48	48	48	48	53	53
Total cost of ER visits (\$)	62,400	26,300	36,100	27,000	35,400	6,417,300
Number of deaths*	38	12	26	13	25	1,089
Standard death rate (per 100,000)*	22	36	19	16	29	27

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	562	156	406	218	344	24,857
Standard rate of hospitalizations (per 100,000)	356	549	313	333	395	618
Median age of hospitalized patients	63	53	63	68	53	58
Total cost of hospitalization (\$)	18,972,400	4,511,700	14,460,700	9,373,400	9,599,000	528,562,000
Average length of hospital stay (days)	6	5	6	7	5	6
Number of deaths*	289	47	239	148	141	8,262
Standard death rate (per 100,000)*	170	141	179	179	161	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	52	13	39	23	29	2,057
Standard rate of hospitalizations (per 100,000)	35	52	31	33	34	52
Median age of hospitalized patients	68	58	73	63	73	68
Total cost of hospitalization (\$)	4,019,400	822,100	3,197,300	1,605,000	2,414,400	65,269,600
Average length of hospital stay (days)	12	11	13	11	13	10
Number of deaths*	26	8	18	15	11	818
Standard death rate (per 100,000)*	15	24	13	18	13	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	56	9	47	.	56	1,650
Standard rate of hospitalizations (per 100,000)	36	34	36	.	65	41
Median age of hospitalized patients	68	58	68	.	68	63
Total cost of hospitalization (\$)	810,700	152,300	658,400	.	810,700	19,973,100
Average length of hospital stay (days)	2	2	2	.	2	2
Number of deaths*	23	3	20	-	23	595
Standard death rate (per 100,000)*	14	9	15	-	26	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1	1	.	.	1	255
Standard rate of hospitalizations (per 100,000)	1	3	.	.	1	6
Median age of hospitalized patients	53	53	.	.	53	48
Total cost of hospitalization (\$)	55,100	55,100	.	.	55,100	3,859,300
Average length of hospital stay (days)	26	26	.	.	26	4
Number of deaths*	3	-	3	.	3	69
Standard death rate (per 100,000)*	3	-	2	.	3	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	42	9	33	31	11	2,294
Standard rate of hospitalizations (per 100,000)	28	37	26	47	13	57
Median age of hospitalized patients	73	73	73	73	68	68
Total cost of hospitalization (\$)	2,382,400	404,400	1,978,000	1,725,800	656,600	60,724,100
Average length of hospital stay (days)	10	10	10	9	11	8
Number of deaths*	107	14	91	66	41	2,543
Standard death rate (per 100,000)*	63	42	68	80	47	63

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	40	9	31	40	.	1,335
Standard rate of hospitalizations (per 100,000)	25	35	23	55	.	33
Median age of hospitalized patients	63	63	63	63	.	68
Total cost of hospitalization (\$)	804,500	162,500	642,000	804,500	.	21,303,500
Average length of hospital stay (days)	3	2	3	3	.	4
Number of deaths*	8	1	7	8	.	499
Standard death rate (per 100,000)*	10	3	5	10	.	25

\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10

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